

SEQUENCE LISTING

<110> IMMUNEX CORPORATION
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 McKENNA, Hilary J.

<120> METHODS OF USING FLT3-LIGAND IN HEMATOPOIETIC CELL
 TRANSPLANTATION PROCEDURES INCORPORATING NONMYELOABLATIVE
 CONDITIONING REGIMENS

<130> 3191-A

<140> --to be assigned--

<141> 2003-12-08

<150> 60/431,266

<151> 2002-12-06

<160> 8

<170> PatentIn version 3.2

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<212> DNA

<213> Homo sapien

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 Thr Val Leu Ala Pro Ala Trp Ser Pro Asn Ser Ser Leu Leu Leu Leu
 5 10 15

ttg ctg ctg ctg agt cct tgc ctg cgg ggg aca cct gac tgt tac ttc 155
 Leu Leu Leu Leu Ser Pro Cys Leu Arg Gly Thr Pro Asp Cys Tyr Phe
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agc cac agt ccc atc tcc tcc aac ttc aaa gtg aag ttt aga gag ttg 203
 Ser His Ser Pro Ile Ser Ser Asn Phe Lys Val Lys Phe Arg Glu Leu
 35 40 45

act gac cac ctg ctt aaa gat tac cca gtc act gtg gcc gtc aat ctt 251
 Thr Asp His Leu Leu Lys Asp Tyr Pro Val Thr Val Ala Val Asn Leu
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cag gac gag aag cac tgc aag gcc ttg tgg agc ctc ttc cta gcc cag 299
 Gln Asp Glu Lys His Cys Lys Ala Leu Trp Ser Leu Phe Leu Ala Gln
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 Arg Trp Ile Glu Gln Leu Lys Thr Val Ala Gly Ser Lys Met Gln Thr

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Leu	Leu	Glu	Asp	Val	Asn	Thr	Glu	Ile	His	Phe	Val	Thr	Ser	Cys	Thr			
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ttc	cag	ccc	cta	cca	gaa	tgt	ctg	cga	ttc	gtc	cag	acc	aac	atc	tcc	443		
Phe	Gln	Pro	Leu	Pro	Glu	Cys	Leu	Arg	Phe	Val	Gln	Thr	Asn	Ile	Ser			
	115					120					125							
cac	ctc	ctg	aag	gac	acc	tgc	aca	cag	ctg	ctt	gct	ctg	aag	ccc	tgt	491		
His	Leu	Leu	Lys	Asp	Thr	Cys	Thr	Gln	Leu	Leu	Ala	Leu	Lys	Pro	Cys			
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atc	ggg	aag	gcc	tgc	cag	aat	ttc	tct	cgg	tgc	ctg	gag	gtg	cag	tgc	539		
Ile	Gly	Lys	Ala	Cys	Gln	Asn	Phe	Ser	Arg	Cys	Leu	Glu	Val	Gln	Cys			
				150					155					160				
cag	ccg	gac	tcc	tcc	acc	ctg	ctg	ccc	cca	agg	agt	ccc	ata	gcc	cta	587		
Gln	Pro	Asp	Ser	Ser	Thr	Leu	Leu	Pro	Pro	Arg	Ser	Pro	Ile	Ala	Leu			
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gaa	gcc	acg	gag	ctc	cca	gag	cct	cgg	ccc	agg	cag	ctg	ttg	ctc	ctg	635		
Glu	Ala	Thr	Glu	Leu	Pro	Glu	Pro	Arg	Pro	Arg	Gln	Leu	Leu	Leu	Leu			
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ctg	ctg	ctg	ctg	cct	ctc	aca	ctg	gtg	ctg	ctg	gca	gcc	gcc	tgg	ggc	683		
Leu	Leu	Leu	Leu	Pro	Leu	Thr	Leu	Val	Leu	Leu	Ala	Ala	Ala	Trp	Gly			
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ctt	cgc	tgg	caa	agg	gca	aga	agg	agg	ggg	gag	ctc	cac	cct	ggg	gtg	731		
Leu	Arg	Trp	Gln	Arg	Ala	Arg	Arg	Arg	Gly	Glu	Leu	His	Pro	Gly	Val			
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ccc	ctc	ccc	tcc	cat	ccc	tag	gattcgagcc	ttgtgcatcg	ttgactcagc							782		
Pro	Leu	Pro	Ser	His	Pro													
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Phe	Ser	His	Ser	Pro	Ile	Ser	Ser	Asn	Phe	Lys	Val	Lys	Phe	Arg	Glu	
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 85 90 95
 Thr Leu Leu Glu Asp Val Asn Thr Glu Ile His Phe Val Thr Ser Cys
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 Thr Phe Gln Pro Leu Pro Glu Cys Leu Arg Phe Val Gln Thr Asn Ile
 115 120 125
 Ser His Leu Leu Lys Asp Thr Cys Thr Gln Leu Leu Ala Leu Lys Pro
 130 135 140
 Cys Ile Gly Lys Ala Cys Gln Asn Phe Ser Arg Cys Leu Glu Val Gln
 145 150 155 160
 Cys Gln Pro Asp Ser Ser Thr Leu Leu Pro Pro Arg Ser Pro Ile Ala
 165 170 175
 Leu Glu Ala Thr Glu Leu Pro Glu Pro Arg Pro Arg Gln Leu Leu Leu
 180 185 190
 Leu Leu Leu Leu Leu Pro Leu Thr Leu Val Leu Leu Ala Ala Ala Trp
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<222> (30)..(734)

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Ser Pro Thr Thr Tyr Leu Leu Leu Leu Leu Leu Ser Ser Gly Leu		
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agt ggg acc cag gac tgc tcc ttc caa cac agc ccc atc tcc tcc gac	149	
Ser Gly Thr Gln Asp Cys Ser Phe Gln His Ser Pro Ile Ser Ser Asp		
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ttc gct gtc aaa atc cgt gag ctg tct gac tac ctg ctt caa gat tac	197	
Phe Ala Val Lys Ile Arg Glu Leu Ser Asp Tyr Leu Leu Gln Asp Tyr		
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cca gtc acc gtg gcc tcc aac ctg cag gac gag gag ctc tgc ggg ggc	245	
Pro Val Thr Val Ala Ser Asn Leu Gln Asp Glu Glu Leu Cys Gly Gly		
60 65 70		
ctc tgg cgg ctg gtc ctg gca cag cgc tgg atg gag cgg ctc aag act	293	
Leu Trp Arg Leu Val Leu Ala Gln Arg Trp Met Glu Arg Leu Lys Thr		
75 80 85		
gtc gct ggg tcc aag atg caa ggc ttg ctg gag cgc gtg aac acg gag	341	
Val Ala Gly Ser Lys Met Gln Gly Leu Leu Glu Arg Val Asn Thr Glu		
90 95 100		
ata cac ttt gtc acc aaa tgt gcc ttt cag ccc ccc ccc agc tgt ctt	389	
Ile His Phe Val Thr Lys Cys Ala Phe Gln Pro Pro Pro Ser Cys Leu		
105 110 115 120		
cgc ttc gtc cag acc aac atc tcc cgc ctc ctg cag gag acc tcc gag	437	
Arg Phe Val Gln Thr Asn Ile Ser Arg Leu Leu Gln Glu Thr Ser Glu		
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Gln Leu Val Ala Leu Lys Pro Trp Ile Thr Arg Gln Asn Phe Ser Arg		
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Cys Leu Glu Leu Gln Cys Gln Pro Asp Ser Ser Thr Leu Pro Pro Pro		
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Trp Ser Pro Arg Pro Leu Glu Ala Thr Ala Pro Thr Ala Pro Gln Pro		
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Pro Leu Leu Leu Leu Leu Leu Leu Pro Val Gly Leu Leu Leu Leu Ala		
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gct gcc tgg tgc ctg cac tgg cag agg acg cgg cgg agg aca ccc cgc	677	
Ala Ala Trp Cys Leu His Trp Gln Arg Thr Arg Arg Arg Thr Pro Arg		
205 210 215		
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Val Glu His			
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Gln Asp Glu Glu Leu Cys Gly Gly Leu Trp Arg Leu Val Leu Ala Gln			
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Arg Trp Met Glu Arg Leu Lys Thr Val Ala Gly Ser Lys Met Gln Gly			
85 90 95			
Leu Leu Glu Arg Val Asn Thr Glu Ile His Phe Val Thr Lys Cys Ala			
100 105 110			
Phe Gln Pro Pro Pro Ser Cys Leu Arg Phe Val Gln Thr Asn Ile Ser			
115 120 125			
Arg Leu Leu Gln Glu Thr Ser Glu Gln Leu Val Ala Leu Lys Pro Trp			
130 135 140			
Ile Thr Arg Gln Asn Phe Ser Arg Cys Leu Glu Leu Gln Cys Gln Pro			
145 150 155 160			
Asp Ser Ser Thr Leu Pro Pro Pro Trp Ser Pro Arg Pro Leu Glu Ala			
165 170 175			
Thr Ala Pro Thr Ala Pro Gln Pro Pro Leu Leu Leu Leu Leu Leu Leu			
180 185 190			
Pro Val Gly Leu Leu Leu Leu Ala Ala Ala Trp Cys Leu His Trp Gln			
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